

CLAIMS

What is claimed is:

1. A method to determine the ability of a solution to bind cationic species, comprising:

sampling the solution; and

reacting the solution in a test solution to bind cationic species.

2. The method in Claim 1 wherein said ability is determined by utilizing the sequestering, chelating, or other means of binding cationic species power of the solution being tested to react with a cationic species in a test solution.

3. The method in Claim 2 wherein a sample of said solution being tested is titrated into said test solution.

4. The method in Claim 2 wherein said test solution changes color dependent upon the ability of said solution being tested to sequester, chelate, or otherwise bind cationic species.

5. The method in Claim 2 wherein the quantity of an additive required to be added to said solution being tested to bring said solution back to within specification is determined.

6. The method in Claim 1 wherein said solution is a coolant solution.

7. A formulation for determining the ability of a solution to bind cationic species, comprising an indicatory dye.

8. The formulation of Claim 7 wherein the indicator dye is configured to react with a cationic species to change color from that when the cationic species is absent.

9. The formulation of Claim 7 including a cationic species.

10. The formulation of Claim 7 including a source of hydroxide.

11. The formulation of Claim 7 including a solvent.

12. The formulation of Claim 7 including two parts, part A and part B, and wherein part A comprises:

1. Said indicator dye
 2. Said cationic species
 3. Said hydroxide source
- and part B comprises said solvent.

13. The formulation of Claim 12 wherein Part A further includes a tabletizing binder allowing Part A to be formed as a tablet.

14. The formulation of Claim 13 further including an extender.

15. The formulation of Claim 14 wherein said extender performs as a tabletizing binder allowing Part A to be formed as a tablet.

16. The formulation of Claim 9 wherein said cationic species is Calcium.

17. The formulation of Claim 10 wherein said hydroxide source is Calcium Hydroxide.

18. The formulation of Claim 11 wherein said solvent is water essentially free of Calcium.